

# **DTMF CODES and REFERENCE INFORMATION**

**North Carolina Medical  
Communication Networks  
NCMCN and VMN**



**Office of Emergency Medical Services**

**Division of Health Service Regulation**

**North Carolina Department of Health and Human Services**

# **The North Carolina Medical Communications Network (NCMCN) and VIPER Medical Network (NCVMN)**

## **Introduction**

Following is a description of the two state operated primary medical radio systems in North Carolina. These are called the UHF NC “Medical Communications Network” (MCN); and, the 800 MHz NC “VIPER Medical Network” (VMN). Generic information regarding the developing North Carolina VIPER (Voice Interoperability Plan for Emergency Responders) radio network is also included. The descriptions provide direction for the developing the statewide medical radio systems. Note that this information is preliminary and subject to change as the systems continue to evolve. This information is current as of December 2007.

## **System 1 - UHF North Carolina Medical Communications Network (NCMCN)**

The North Carolina Medical Communication Network (MCN) is the state’s ultra high frequency (UHF) medical radio system. Control station radios are installed in virtually all hospitals in the state. The MCN system provides backup redundant and disaster communications for hospitals, EMS and special medical response services in the state. Radio repeaters are operational at 36 radio sites that provide approximately 95% geographic “talk-out” coverage to the state. This radio network shares the towers and microwave facilities of the University of North Carolina television network and the State Highway Patrol. The MCN functions in addition to the older state VHF 155.340 MHz (340) hospital radio system, which is also installed in all hospitals. The “340” system provides “local” ambulance to hospital communication, while the MCN can provide statewide coverage. The MCN system does not rely on terrestrial wires for operation, making it resistant to overload from public telephone calls or outages due to downed telephone lines or power lines. All repeater sites are connected to emergency electrical generators.

The design of the UHF MCN MED system also has provision for development of “local” county medical UHF radio system installations to aid counties or hospitals that have requirements to implement UHF communications systems. The MCN provides established statewide “compatibility standards” for implementing equipment on the medical radio network. These compatibility standards provide standard channel names and usage recommendations, tone designations, frequency, modulation and signaling standards which are necessary for compatible or “interoperable” emergency communication.

Each of the MCN radio sites has two UHF radio repeaters installed. These provide redundancy and two separate radio channels for emergency medical communication. The repeaters operate on UHF channel MED-8 and MED-10. MED-10 is the primary calling and network control channel, while MED-8 is for patient care and other medical communication. There are a total of ten MED channels designated by the Federal Communications Commission (FCC) for medical communication. The ten MED channels are designated nationwide for medical communications and are shared between all users of the UHF MED channels. In the future, narrow banding requirements of the FCC will add additional channel capacity.

Each of the MED-8 and MED-10 repeaters is connected by microwave radio to the State Emergency Operations Center (EOC) in Raleigh. The radios are also connect by a computer switch to enable the repeaters to be linked together. All communication over the MCN is continuously recorded on a logging recorder and the sites are monitored by computer IP and radio test systems. These provide remote sensing

of the RF power, radio receiver activity, cabinet temperature and intrusion alarm status at each of the radio sites.

There are two communication operator control consoles integrated with the MCN network. The communication consoles provide manned operator control of the network from the state EOC and from the State Office of Emergency Medical Services in Raleigh.

The MCN UHF systems can additionally be linked with the NC 800 MHz trunked “VIPER” radio system. This enables MCN UHF users to cross-band operate with the “VIPER” 800 MHz systems during disaster situations. While this operation possible, it is intended only as a back up or “gateway operation” until more users obtain 800 MHz VIPER radio equipment.

There are over 250 control stations now operating within the UHF MCN. These include all hospitals with emergency departments, all primary community health centers, the state poison control center, the state bio laboratories and many of the state’s Public Safety Answering Points (PSAPs), 9-1-1 centers and county EOCs. 86 public health departments also have “pack carried” radios that provide MCN operation. Listing of the control station location, call signs and access codes are published in the document

***DTMF CODES AND REFERENCE INFORMATION***

available from the web site: <http://www.ncdhhs.gov/dhsr/EMS/pdf/dtmfref.pdf>

## **System 2 – 800 MHz**

### **North Carolina VIPER Medical Network (NCVMN)**

North Carolina is implementing a second additional statewide medical radio system. This is an 800 MHz medical radio system referred to as the “Viper Medical Network” or VMN. This system is within the 800 MHz state trunked VIPER radio network “Voice Interoperability Plan for Emergency Responders.” The VMN establishes a digital talk group for each hospital, military hospital, veteran’s hospital, mobile hospital and community health center within the state. Provisions are included for the bio laboratories, poison center and the state medical assistance teams. When radio equipment is deployed for the VMN, any hospital, ambulance or field medical service unit anywhere in the state will be able to communicate throughout the system and across the entire state.

For interoperability compatibility, every radio that functions as part of the VMN must have a common group of channels with standard channel names. The VMN radios must therefore be equipped with a series of “Talk Groups,” which are similar to channels in a conventional or “legacy” radio.

The standardized Talk Groups for the VMN radios are set up in seven classifications:

1. Statewide Medical Talk Groups
2. Statewide Calling Talk Groups
3. Statewide Event Talk Groups
4. State Highway SHP Common and Mutual Aid Talk Groups
5. North Carolina Emergency Management Approved Talk Groups
6. Statewide Roamer Talk Groups
7. Statewide General Pool Talk Groups

## STATEWIDE MEDICAL VMN TALK GROUPS

Following is a description of the purpose and suggested operation for each of the classifications of VIPER Statewide Channels:

The Viper Medical Network provides a talk group “channel” for each hospital in the state thus enabling VMN VIPER users the ability to contact hospitals for medical or patient care communication from anywhere in the state.

There are 185 statewide digital Viper Medical (VM) talk groups. Each of the hospital talk groups are identified by a 5-digit numeric address. The 5-digit hospital addresses are grouped into twelve radio zones or banks identified as the “VM” talk groups. These zones are established so the channels can be installed in mobile or portable radios, as well as hospital control stations.

The hospital talk groups are identified by three ZONE characters such as “VMA,” “VMB,” “VMC,” “VMD,” “VME,” etc. ... through to “VML.” Within each of these twelve VM zones there are sixteen numeric 5-digit addresses which correspond to each hospital in the state. Each hospital has a pre-designated VM address which a hospital obtain by authorization when it installs a VIPER medical control radio. The authorization application form is included in the DTMF Reference document available from the web site listed below. The hospital VMN address becomes operational and will be listed in the hospital radio directory upon application. Active VM hospital addresses are listed the DTMF directory, similar to a telephone book, which is available from the Department of Health Service Regulation web site at:

<http://www.ncdhhs.gov/dhsr/EMS/pdf/dtmfref.pdf>

Additional information about the Medical Communications systems is available from:

<http://www.ncdhhs.gov/dhsr/EMS/technolg.shtml>

All VM mobile, portable and hospital control radios must have all of the VM talk group list programmed into the radio to insure operational compatibility when future hospitals are implemented. A VM hospital address can be obtained by submitting the VIPER MEDICAL NETWORK APPLICATION, which is included within the above noted publications.

## STATEWIDE CALLING TALK GROUPS

The VIPER Statewide Calling Talk Groups allow VIPER radio users to make contact with the 9-1-1 Center or Public Safety Answering Point (PSAP) in properly equipped counties across the state. This enables any VIPER radio to contact either their home 9-1-1 Center when they are out of their home county or to contact the 9-1-1 Center in the county that they may be in at the time assistance is needed. Contact can be established by installing a station to monitor these talk groups.

There are FIVE Statewide Calling Talk Groups located within the radio in the zone identified as “SW”. These are listed below with the standard channel name used for programming:

1. Statewide Call .....SW CALL
2. Statewide Law .....SW LAW
3. Statewide Fire .....SW FIRE
4. Statewide EMS .....SW EMS
5. Statewide General Government .....SW GEN

### NOTE:

The Five Statewide Calling Talk Groups are ONLY FOR CALLING PURPOSES. Use of these talk groups should not be confused with the function of conventional, legacy channels in other frequency bands such as

STATE FIRE (154.280) or STATE EMS/RESCUE (155.280), which can be used for on scene operational use.

Each properly equipped county 9-1-1 center will have a control station set to monitor the Statewide Call (SW CALL) talk group at all times. The Statewide Call (SW CALL) talk group is essentially a large party line, similar in operation to the old “Inter-City” channel used between 9-1-1 centers. One of the most significant differences with the Statewide Call (SW CALL) talk group is that it allows VIPER users with mobile and portable radios to communicate with the 9-1-1 Centers statewide. The Statewide Law, Fire, EMS and General Government talk groups are to be after communications with the center has been established and the VIPER user is switched to the appropriate talk group.

If a VIPER user with either a mobile or portable radio needs to contact a 9-1-1 center using the Statewide Call (SW CALL) talk group, the following procedure should be followed:

- Adjust the radio to the “SW CALL” talk group.
- Give the name of the county 9-1-1 center that you are calling.
- Give your agency name and unit identifier, followed by the words “on Statewide Call.”
- For example: **“Carteret County 9-1-1, this is Wake County Sheriff Unit 301 calling on Statewide Call”**

This provides three important pieces of information:

1. **The name of the County 9-1-1 Center that you are calling.**
2. **Your Agency name, Unit number and Discipline, e.g. Law Enforcement, Fire, EMS, EM, etc.**
3. **The Channel that you are calling the 9-1-1 Center on, e.g. Statewide Call**

When the contacted 9-1-1 Center receives a call from a VIPER user, based on the information provided in the contact message, a determination will be made as to which of the four discipline specific Statewide Calling Talk Groups should be used for further the conversation. For example, if the calling user was a Sheriff or Police agency, then the 9-1-1 Center would recommend to the VIPER user that they move to Statewide Law (SW LAW) to continue the radio communications with that center. An example of this would be:

- The 9-1-1 Center would respond to the calling VIPER user:  
**“Wake County Sheriff Unit 311, this is Carteret County 9-1-1,  
switch to Statewide Law”**

This accomplishes three important things:

1. It provides calling VIPER user with clear direction about what channel they need to change to so that they can relay their request to the 9-1-1 center;
2. It removes the conversation between the 9-1-1 center and the calling VIPER user from the Statewide Call (SW CALL) talk group so that the “party line” is clear for further radio communications statewide; and,
3. Allows the 9-1-1 Center and the calling VIPER user to communicate on the discipline specific channel their request.

Once the communication between both the 9-1-1 Center and the VIPER user is complete, then the 9-1-1 Center would return its control station to the Statewide Call talk group, ready for future contacts and the calling VIPER user would return to the channel that they were operating on prior to initiating the Statewide Call.

## STATEWIDE EVENT TALK GROUPS

The VIPER Statewide Event Talk Groups are not assigned to any specific agency. They provide all VIPER users sixteen (16) statewide talk groups which can be directed in the event of a multi-agency response that exceeds the scope of a normal occurrence or covers a larger than normal geographic area. In the future it is anticipated that a centralized State operated communications center will serve as the clearinghouse for assignment of these talk groups based upon location and need. The Statewide Event Talk Groups are in a zone or bank in the radio identified as “EVENT” or “EVT”. They have the standardized channel naming listed below:

- |            |              |
|------------|--------------|
| 1. Alpha 1 | 9. Charly 1  |
| 2. Alpha 2 | 10. Charly 2 |
| 3. Alpha 3 | 11. Charly 3 |
| 4. Alpha 4 | 12. Charly 4 |
| 5. Bravo 1 | 13. Delta 1  |
| 6. Bravo 2 | 14. Delta 2  |
| 7. Bravo 3 | 15. Delta 3  |
| 8. Bravo 4 | 16. Delta 4  |

## STATEWIDE HIGHWAY PATROL MUTUAL AID TALK GROUPS

The VIPER Statewide Highway Patrol Mutual Aid Talk Groups serve as a means for all VIPER users to have the ability to contact one of the State Highway Patrol’s eight (8) communications centers. They also allow VIPER users monitoring one of the eight (8) Troop Mutual Aid talk groups to hear emergency messages, referred to by the SHP as “Signal 25” broadcasts. There are eight (8) SHP Troop Mutual Aid talk groups authorized for all VIPER users. They have the standardized channel naming listed below:

- Troop A Mutual Aid (Williamston) ..... TRPA MAID
- Troop B Mutual Aid (Elizabethtown) ..... TRPB MAID
- Troop C Mutual Aid (Raleigh) ..... TRPC MAID
- Troop D Mutual Aid (Greensboro) ..... TRPD MAID
- Troop E Mutual Aid (Salisbury) ..... TRPE MAID
- Troop F Mutual Aid (Newton) ..... TRPF MAID
- Troop G Mutual Aid (Asheville) ..... TRPG MAID
- Troop H Mutual Aid (Monroe) ..... TRPH MAID

In addition to the SHP Mutual Aid Talk Groups, there are eight (8) Troop Common Talk Groups designed to be utilized to communicate directly with a State Trooper without disrupting the SHP’s operation on its respective Troop and District Dispatch Talk Group. These same talk groups are used to provide “Car to Car” communications between SHP personnel. The talk groups are listed below with their standardized channel naming: These talk groups are not commonly available to all VIPER users.

- Troop A Common 2 ..... TRPA COM2
- Troop B Common 2 ..... TRPB COM2
- Troop C Common 2 ..... TRPC COM2
- Troop D Common 2 ..... TRPD COM2
- Troop E Common 2 ..... TRPE COM2
- Troop F Common 2 ..... TRPF COM2
- Troop G Common 2 ..... TRPG COM2
- Troop H Common 2 ..... TRPH COM2

## **NC EMERGENCY MANAGEMENT (NCEM) TALK GROUPS**

North Carolina Emergency Management (NCEM) has authorized certain talk groups to be provided to local emergency officials to facilitate coordination between state emergency management staff, the State Emergency Operations Center (EOC) and local agencies. These four talk groups are to be used primarily by local emergency management representatives, however they may be used on a secondary basis by any duly authorized representative of any federal, state or local emergency response agency for the same purpose: The NCEM talk groups are listed below along with their standardized channel naming:

- NCEM Eastern Branch Office Staff .....NCEM-EBO
- NCEM Central Branch Office Staff .....NCEM-CBO
- NCEM Western Branch Office Staff .....NCEM-WBO
- NCEM State Emergency Operations Center (EOC) .....NCEM-EOC

## **STATEWIDE ROAMER TALK GROUPS**

Eight (8) statewide roamer talk groups have been established for the purpose of providing all agencies utilizing VIPER, either as a day-to-day user or as an inter-operability user, with a series of talk groups that may be used for communication with VIPER users that may be traveling outside of their home geographic area but do not require dedicated means of communications with their units. An example would be an ambulance on an out of county transport that desires to contact their home county with routine radio traffic concerning their unit status, destination and availability. These eight (8) talk groups are statewide talk groups but are divided among the four areas of the state corresponding to the VIPER Operational “ZONES”. The roamer talk groups are listed below along with their standardized channel naming:

- VIPER East Roam 1 ..... VEROAM1
- VIPER East Roam 2 ..... VEROAM2
- VIPER Central Roam 1 ..... VCROAM1
- VIPER Central Roam 2 ..... VCROAM2
- VIPER Piedmont Roam 1 ..... VPROAM1
- VIPER Piedmont Roam 2 ..... VPROAM2
- VIPER West Roam 1 ..... VWROAM1
- VIPER West Roam 2 ..... VWROAM2

## **STATEWIDE GENERAL POOL TALK GROUPS**

As a means for any agency using VIPER to have at its disposal a series of “AD HOC” talk groups, eight (8) statewide general pool talk groups have been established for the purpose of providing all agencies utilizing VIPER, either as a day to day user or simply as an inter-operability user, with a series of talk groups that may be used for communication with other VIPER users on an “as needed” basis. These eight (8) talk groups are statewide talk groups but are divided among the four areas of the state corresponding to the VIPER Operational “ZONES”. The general pool talk groups are listed below along with their standardized channel naming:

- VIPER East Pool 1..... VE POOL1
- VIPER East Pool 2..... VE POOL2
- VIPER Central Pool 1..... VC POOL1

- VIPER Central Pool 2..... VC POOL2
- VIPER Piedmont Pool 1 ..... VP POOL1
- VIPER Piedmont Pool 2 ..... VP POOL2
- VIPER West Pool 1 ..... VW POOL1
- VIPER West Pool 2 ..... VW POOL2

## **NATIONAL PUBLIC SAFETY PLANNING ADVISORY COMMITTEE (NPSPAC) TALK GROUPS**

NPSPAC has designated national mutual aid channels to facilitate 800 MHz voice interoperability communications among local, state, and federal public safety agencies. The state currently has only a limited number of base stations or repeaters operating on the NPSPAC channels. Some counties have operational repeaters but in most areas of the state only “talk-around” operation is available for mutual aid communications. This generally limits the range of these channels to “at the incident scene.” There is one calling and four tactical NPSPAC Mutual Aid conventional channels. These have the national standardized channel naming listed below:

- NPSPAC Calling (conventional repeater) .....8CALL90
- NPSPAC Calling direct (talk around) .....8CALL90D
- NPSPAC tactical (conventional repeater) .....8TAC91
- NPSPAC tactical direct (talk around).....8TAC91D
- NPSPAC tactical (conventional repeater).....8TAC92
- NPSPAC tactical direct (talk around).....8TAC92D
- NPSPAC tactical (conventional repeater) .....8TAC93
- NPSPAC tactical direct (talk around).....8TAC93D
- NPSPAC tactical (conventional repeater) .....8TAC94
- NPSPAC tactical direct (talk around).....8TAC94D



# NCMCN DTMF CODES - November 27, 2007

	RADIO IDENTIFICATION	HOME REPEATER	MED 10 AREA LINK CODE	DTMF CODE
<b>Alamance</b>				
Alamance County Communications/ EMS	Alamance County Communications	Alamance (E)	*105	70001
Alamance Regional Medical Center	Alamance Regional Medical Center	Alamance (E)	*105	51760
<b>Alexander</b>				
Alexander County 911	Alexander County Communications	Wilkes (H)	*203	70100
Frye Regional Medical Center - Alexander Campu	Frye Regional Alexander	Wilkes (H)	*203	50052
<b>Alleghany</b>				
Alleghany Memorial Hospital	Alleghany Memorial Hospital	Alleghany (G)	*207	50062
Alleghany Sheriffs Office	Alleghany County Sheriff	Alleghany (G)	*207	70200
<b>Anson</b>				
Anson Community Hospital	Anson Community Hospital	Richmond (H)	*313	50072
Anson Community Hospital remote location 2	Anson Hospital Incident Command	Richmond (H)	*313	50073
Anson County Emergency Management Agency	Anson County 911	Richmond (H)	*313	70300
Anson County Emergency Management Agency	Anson County EOC	Richmond (H)	*313	70301
Anson Regional Medical Services, Inc.	Anson Regional Medical Services	Richmond (H)	*313	50063
<b>Ashe</b>				
Ashe County Communications	Ashe County Communications	Alleghany (G)	*207	70400
Ashe Memorial Hospital	Ashe Memorial Hospital	Alleghany (G)	*207	50082
<b>Avery</b>				
Charles A. Cannon Jr. Memorial Hospital	Cannon Memorial Hospital	Yancey (E)	*209	50092
<b>Beaufort</b>				
Beaufort County Hospital	Beaufort Hospital	Greene (F)	*309	50242
Metropolitan Community Health Services, Inc.	Agape Community Health Center	Martin (B)	*305	50043
<b>Bertie</b>				
Bertie County Rural Health- Windsor Medical Cen	Windsor Rural Health	Martin (B)	*305	57983
Bertie Memorial Hospital	Bertie Memorial Hospital	Martin (B)	*305	57984
<b>Bladen</b>				
Bladen County Hospital	Bladen County Hospital	Cumberland South(G)	*111	50262

---

## Brunswick

Brunswick Community Hospital	Brunswick Hospital	New Hanover (D)	*301	56992
Dosher Memorial Hospital	Dosher Memorial Hospital	New Hanover (D)	*301	50272

## Buncombe

Buncombe County EMS	Buncombe EOC	Buncombe (H)	*213	71001
Mission Hospitals	Mission Hospital Communications	Buncombe (H)	*213	71002
Mission Hospitals	Mission Hospital Command Center	Buncombe (H)	*213	71003
PHRST Team 6 Buncombe County	PHRST Team 6	Buncombe (H)	*213	51004
Ridgelawn Clinic - Western NC Community Health	Ridgelawn Clinic	Buncombe (H)	*213	58801
Veterans Affairs Asheville Medical Center	Asheville Veterans Medical Center	Buncombe (H)	*213	50472

## Burke

Burke County Emergency Services	Burke County Communications	Yancey (E)	*209	71100
Grace Hospital	Grace Hospital	Catawba (B)	*205	50492
Valdese Hospital	Valdese Hospital	Catawba (B)	*205	50502

## Cabarrus

Cabarrus Community Health Center- McGill Medical	Cabarrus Community Health Center	Cabarrus (G)	*311	58025
Cabarrus County Sheriff's Office	Cabarrus County Communications	Cabarrus (G)	*311	71210
City of Concord Communications Department	Concord Communications	Cabarrus (G)	*311	71200
NorthEast Medical Center/Cabarrus Memorial	Cabarrus Memorial Hospital	Cabarrus (G)	*311	71202

## Caldwell

Caldwell County Emergency Services	Caldwell County EOC	Wilkes (H)	*203	71300
Caldwell County Sheriff's Office	Caldwell County Sheriff	Catawba (B)	*205	71301
Caldwell Memorial Hospital	Caldwell Memorial	Catawba (B)	*205	50552

## Carteret

Carteret General Hospital	Carteret General Hospital	Onslow (I)	*315	57682
---------------------------	---------------------------	------------	------	-------

## Caswell

Caswell Family Medical Center	Caswell Family Medical Center	Alamance (E)	*105	57379
-------------------------------	-------------------------------	--------------	------	-------

## Catawba

Catawba County EMS	Catawba County EMS	Catawba (B)	*205	71701
Catawba Valley Medical Center	Catawba Valley Medical Center EOC	Catawba (B)	*205	50622
Frye Regional Medical Center	Frye Regional Medical Center	Catawba (B)	*205	50624

## Chatham

Chatham Hospital Inc.	Chatham Hospital	Alamance (E)	*105	50652
-----------------------	------------------	--------------	------	-------

---

**Cherokee**

Cherokee County 911	Cherokee County Communications	Cherokee (C)	*219	91900
Murphy Medical Center	Murphy Medical Center	Cherokee (C)	*219	50672

**Chowan**

Chowan Hospital	Chowan Hospital	Tyrrell (D)	*307	50682
-----------------	-----------------	-------------	------	-------

**Clay**

Clay County EMS	Clay County EMS	Cherokee (C)	*219	72101
-----------------	-----------------	--------------	------	-------

**Cleveland**

Cleveland County Emergency Medial Services	Cleveland County Communications	Catawba (B)	*205	71700
Cleveland Regional Medical Center	Cleveland Regional Medical Center	Catawba (B)	*205	50692
Kings Mountain Hospital/Cleveland Regional	Kings Mountain Hospital	Catawba (B)	*205	50702

**Columbus**

Columbus Regional Healthcare System	Columbus Hospital	Robeson (B)	*215	50742
-------------------------------------	-------------------	-------------	------	-------

**Craven**

Craven Regional Medical Center	Craven Regional Medical Center	Greene (F)	*309	50762
--------------------------------	--------------------------------	------------	------	-------

**Cumberland**

Cape Fear Valley Health System	Cape Fear Valley Medical Center	Cumberland North (C)	*109	50772
PHRST Team 3 Cumberland County	PHRST Three (first three)	Cumberland North (C)	*109	52505
Veterans Affairs Medical Center (VA - Fayetteville)	Fayetteville VA Medical Center	Cumberland North (C)	*109	50792
Wade Family Medical Center	Wade Family Medical Center	Cumberland North (C)	*109	58301
Womack Army Medical Center	Womack Emergency Department	Cumberland North (C)	*109	50802

**Dare**

Dare County EMS	Dare County Communications	Tyrrell (D)	*307	72700
The Outer Banks Hospital	Outer Banks Hospital	Tyrrell (D)	*307	52701

**Davidson**

Davidson County Emergency Services	Davidson County Communications	Randolph (J)	*117	72800
Lexington Memorial Hospital	Lexington Memorial Hospital	Randolph (J)	*117	72803
Thomasville Medical Hospital	Thomasville Medical Hospital	Rowan (I)	*119	72802
Triad SMAT II	SMAT 500 BASE	Randolph (J)	*117	72805

**Davie**

Davie County 911 Communications	Davie County Communications	Wilkes ((H)	*203	72900
Davie County Hospital	Davie County Hospital	Wilkes (H)	*203	50852

---

## Duplin

Duplin General Hospital	Duplin General Hospital	Duplin (H)	*319	50862
Goshen Medical Center, Inc.	Goshen Medical Center	Duplin (H)	*319	57028

---

## Durham

Duke University Medical Center	Duke Emergency Room	Orange (B)	*103	50872
Durham Regional Hospital	Durham Regional Hospital	Orange (B)	*103	50942
Durham VA Medical Center - Dept Veterans Affairs	Durham VA Medical Center	Orange (B)	*103	50922
Lincoln Community Health Center, Inc.	Lincoln Community Health Center	Orange (B)	*103	57707
PHRST Team 4 Durham County	PHRST Four (first four)	Orange (B)	*103	53105

---

## Edgecombe

Heritage Hospital	Heritage Hospital	Nash (H)	*113	56752
-------------------	-------------------	----------	------	-------

---

## Forsyth

Forsyth County Fire Department Communications	Forsyth CMED	Stokes (C)	*115	73303
Forsyth Medical Center	Forsyth Medical Center	Stokes (C)	*115	54095
NC Baptist Medical Center	Baptist Medical Center	Stokes (C)	*115	54092
Special Operations Response Team (SORT)	Sort Communications	Stokes (C)	*115	73305
W.G. Hefner Veterans Administration Medical Center	Hefner Veterans Medical Center	Stokes (C)	8115	57157

---

## Franklin

Franklin County Office of Emergency Services	Franklin County Emergency Services	Wake (D)	*101	73400
Franklin Regional Medical Center	Franklin Medical Center	Wake (D)	*101	57472

---

## Gaston

Gaston County 911 Communications	Gaston County Communications	Catawba (B)	*205	73500
Gaston Family Health Services, Inc.	Gaston Family Health	Catawba (B)	*205	58052
Gaston Memorial Hospital	Gaston Memorial Hospital	Catawba (B)	*205	50137

---

## Granville

Granville Health System	Granville Medical Center	Granville (G)	*403	52072
-------------------------	--------------------------	---------------	------	-------

---

## Greene

Greene County Health Care, Inc. - Snow Hill Med.	Snow Hill Medical Center	Greene (F)	*309	58508
--	--------------------------	------------	------	-------

---

## Guilford

CareLink Mobile Critical Care / Moses Cone Heal	Moses Cone CareLink	Stokes (C)	*115	74006
Guilford County Emergency Services	Guilford EOC	Stokes (C)	*115	74000
High Point Regional Health System	High Point Hospital Safety/Security	Stokes (C)	*115	74003
High Point Regional Health System	High Point Hospital ER	Stokes (C)	*115	74002
Moses Cone Health Systems / Moses Cone	Moses Cone Hospital	Stokes (C)	*115	57942
PHRST Team 5 Guilford County Public Health	PHRST Five (first five)	Alamance (E)	*105	54005
Wesley Long Community Hospital	Westley Long Hospital	Stokes (C)	*115	74012
Women's Hospital of Greensboro	Women's Hospital	Stokes (C)	*115	74015

## Halifax

Halifax Regional Medical Center	Halifax Medical Center	Halifax (E)	*317	50599
Our Community Hospital	Our Community Hospital	Halifax (E)	*317	52252

## Harnett

Betsy Johnson Regional Hospital	Betsy Johnson Hospital	Cumberland North (C)	*109	52262
Western Medical Group - Boone Trail Medical Ce	Boone Trail Medical Center	Cumberland North (C)	*109	57552

## Haywood

Haywood County EMS	Haywood County EMS	Haywood (G)	*211	74301
Haywood Regional Medical Center	Haywood Medical Center	Haywood (G)	*211	52282

## Henderson

Blue Ridge Family Practice-Community Health Se	Blue Ridge Community Health Servic	Buncombe (H)	*213	58793
Henderson County 911 Center	Henderson County Communications	Buncombe (H)	*213	74400
Margaret R. Pardee Memorial Hospital	Margaret Pardee Hospital	Buncombe (H)	*213	52422
Park Ridge Hospital	Park Ridge Hospital	Buncombe (H)	*213	52423

## Hertford

Roanoke Chowan Community Health Center	Roanoke Chowan Health Center	Halifax (E)	*317	57910
Roanoke Chowan Hospital	Roanoke Chowan Hospital	Tyrrell (D)	*307	52442

## Hyde

Hyde County EMS	Hyde County EMS	Tyrrell (D)	*307	74701
-----------------	-----------------	-------------	------	-------

## Iredell

Davis Regional Medical Center	Davis Medical Center	Wilkes (H)	*203	52467
Iredell County Communications	Iredell County Communications	Rowan (I)	*119	74800
Iredell Memorial Hospital	Iredell Memorial Hospital	Wilkes (H)	*203	52482
Lake Norman Regional Medical Center	Lake Norman Medical Center	Wilkes (H)	*203	52462

---

**Jackson**

Harris Regional Hospital	Harris Regional Hospital	Macon (F)	*217	52492
Jackson County Communications Center	Jackson County EOC	Macon (F)	*217	74900

**Johnston**

Johnston Memorial Hospital	Johnston Memorial Hospital	Wake (D)	*101	75007
----------------------------	----------------------------	----------	------	-------

**Lee**

Central Carolina Hospital	Central Carolina Hospital	Moore (F)	*107	52522
---------------------------	---------------------------	-----------	------	-------

**Lenoir**

Kinston Community Health Center	Kinston Community Health Center	Greene (F)	*309	58502
Lenoir Memorial Hospital	Lenoir Memorial Hospital	Greene (D)	*309	52552

**Lincoln**

Lincoln County Communications Center	Lincoln C-MED	Catawba (B)	*206	75400
Lincoln Medical Center	Lincoln Medical Center	Catawba (B)	*205	54862

**Macon**

Angel Medical Center	Angel Medical Center	Macon (F)	*217	52592
Highlands Cashiers Hospital	Highlands Cashiers Hospital	Macon (F)	*217	56762
Macon County EMS	Macon County EOC	Macon (F)	*217	75501

**Madison**

Hot Springs Health Program, Inc.- Mashburn Med	Mashburn Medical Center	Haywood (G)	*211	58753
Madison County 911	Madison County Communications	Haywood (G)	*211	75600

**Martin**

Martin General Hospital	Martin General Hospital	Martin (B)	*305	52642
-------------------------	-------------------------	------------	------	-------

**McDowell**

McDowell EOC	McDowell EOC	Yancey (E)	*209	75800
The McDowell Hospital, Inc.	McDowell Hospital	Yancey (E)	*209	52652

---

## Mecklenburg

Carolinas HealthCare System - Mercy Main Hospi	CMC Mercy Hospital ED	Mecklenburg (D)	*201	55999
Carolinas HealthCare System - Mercy Main Hospi	CMC Mercy Incident Command	Mecklenburg (D)	*201	55998
Carolinas HealthCare System - Pineville Hospital	CMC Pineville Hospital ED	Mecklenburg (D)	*201	75912
Carolinas HealthCare System - Pineville Hospital	CMC Pineville - Incident Command	Mecklenburg (D)	*201	75919
Carolinas HealthCare System - University Hospita	CMC University Hospital ED	Mecklenburg (D)	*201	75966
Carolinas HealthCare System - University Hospita	CMC University Hospital Incident Co	Mecklenburg (D)	*201	75969
Carolinas HealthCare System / MedCenter Air	CMC MedCenter Air	Mecklenburg (D)	*201	75906
Carolinas Medical Center	CMC Emergency Department	Mecklenburg (D)	*201	52699
Carolinas Medical Center	CMC Incident Command	Mecklenburg (D)	*201	52692
Carolinas Poison Center	Poison Center	Mecklenburg (D)	*201	75903
Mecklenburg EMS Agency	Mecklenburg EMS Agency	Mecklenburg (D)	*201	75901
Mecklenburg Public Health Laboratory	Mecklenburg Laboratory	Mecklenburg (D)	*201	55904
Metrolina Comprehensive Health Center, Inc.	CW Williams Community Health Cen	Cabarrus (G)	*311	58208
PHRST Team 7 - Mecklenburg County Health De	PHRST Seven (first seven)	Mecklenburg (D)	*201	75915
Presbyterian Hospital	Presbyterian Hospital	Mecklenburg (D)	*201	57982
Presbyterian Hospital - Huntersville	Presbyterian Hospital Huntersville	Mecklenburg (D)	*201	75905
Presbyterian Hospital - Matthews	Mathews Hospital	Mecklenburg (D)	*201	75902

## Mitchell

Mitchell County Emergency Management	Mitchell County EMS	Yancey (E)	*209	76000
Spruce Pine Community Hospital	Spruce Pine Hospital	Yancy (E)	*209	52752

## Montgomery

First Health Montgomery Hospital	Montgomery Hospital	Richmond (H)	*313	57962
----------------------------------	---------------------	--------------	------	-------

## Moore

First Health Moore Regional	Moore Regional Hospital	Moore (F)	*107	52782
-----------------------------	-------------------------	-----------	------	-------

## Nash

Nash Health Care Systems	Nash Hospital	Nash (H)	*113	57642
--------------------------	---------------	----------	------	-------

## New Hanover

New Hanover Community Health Center, Inc.	New Hanover Community Health	New Hanover (D)	*301	58401
New Hanover Regional Medical Center	New Hanover Regional	New Hanover (D)	*301	57222
New Hanover Regional Medical Center-Cape Fea	New Hanover-Cape Fear Hospital	New Hanover (D)	*301	57223
PHRST Team 2 New Hanover County	PHRST Two (first two)	New Hanover (D)	*301	56405

## Northampton

Northampton County EMS	Northampton EMS	Halifax (E)	*317	76501
------------------------	-----------------	-------------	------	-------

---

**Onslow**

Onslow Memorial Hospital	Onslow Memorial	Onslow (I)	*315	52872
--------------------------	-----------------	------------	------	-------

---

**Orange**

Piedmont Health Services	Carrboro Community Health Center	Orange (B)	*103	75710
U N C Health Care System - Air Care Communica	UNC Hospitals Base	Orange (B)	*103	52892
U N C Health Care System - Police Dispatch	UNC Hospitals Dispatch	Orange (B)	*103	52893

---

**Pasquotank**

Albermarle Hospital Authority	Albermarle Hospital	Tyrrell (D)	*307	52902
Pasquotank County EMS Department	Pasquotank Camden EMS	Tyrrell (D)	*307	76901

---

**Pender**

Pender Memorial Hospital	Pender Memorial Hospital	New Hanoverl (D)	*301	52922
--------------------------	--------------------------	------------------	------	-------

---

**Person**

Person County Memorial Hospital	Person County Hospital	Orange (B)	*103	52942
Person Family Medical Center, Inc.	Person Family Medical Center	Orange (B)	*103	57573

---

**Pitt**

Pitt County Memorial Hospital	Pitt Memorial Hospital	Greenel (D)	*309	52952
Pitt County Public Health Laboratory	Pitt Laboratory	Greenel (D)	*309	57304

---

**Polk**

Polk County EMS	Polk County EMS	Buncombe (H)	*213	77401
St. Luke's Hospital	St. Luke's Hospital	Yancey (E)	*209	54872

---

**Randolph**

MERCE Medical Resource Center for Randolph	Merce Medical Resource Center	Randolph (J)	*117	57320
Randolph County Emergency Services	Randolph County Communications	Randolph (J)	*117	77500
Randolph Hospital	Randolph Hospital	Randolph (J)	*117	52972

---

**Richmond**

First Health Richmond Memorial Hospital	Richmond Memorial Hospital	Richmond (H)	*313	57952
---	----------------------------	--------------	------	-------

---

**Robeson**

Lumberton Health Center - Robeson Health Care	Lumberton Health Center	Robeson (B)	*215	58358
Southeastern Regional Medical Center	Southeastern Regional	Cumberland South (G)	*111	54002

---

**Rockingham**

Annie Penn Hospital / Moses Cone Health Syste	Annie Penn Hospital	Stokes (C)	*115	54042
Morehead Memorial Hospital	Morehead Hospital	Stokes (C)	*115	77802



---

**Rowan**

Rowan County Emergency Services	Rowan County EOC	Rowan (I)	*119	77900
Rowan Regional Medical Center	Rowan Medical Center	Rowan (I)	*119	77902
Salisbury Veterans Administration Medical Center	Salisbury VA Hospital	Rowan (i)	*119	57082

**Rutherford**

Rutherford County Communications Center	Rutherford County Communications	Yancey (E)	*209	78000
Rutherford Hospital, Inc.	Rutherford Hospital	Catawba (B)	*205	54882

**Sampson**

Sampson Regional Medical Center	Sampson Medical Center	Duplin (H)	*319	54242
Tri-County Community Health Center	Tri-County Community Health Center	Cumberland South (G)	*111	58334

**Scotland**

Scotland County Emergency Medical Service Sys	Scotland County Communications	Robeson (B)	*215	78201
Scotland Memorial Hospital	Scotland Memorial	Robeson (B)	*215	54252

**Stanly**

Stanly County E911 Communications	Stanly County Communications	Richmond (H)	*313	78300
Stanly County E911 Communications-Alternate Si	Stanly County Communications	Richmond (H)	*313	78306
Stanly Regional Medical Center	Stanly Regional Medical Center	Richmond (H)	*313	54262

**Stokes**

Stokes County EMS	Stokes County EMS	Stokes (C)	*115	78401
Stokes-Reynolds Memorial Hospital, Inc.	Stokes-Reynolds Memorial Hospital	Stokes (C)	*115	54272

**Surry**

Hugh Chatham Memorial Hospital	Hugh Chatham Hospital	Stokes (C)	*115	54282
Nothern Hospital of Surry County	Northern Hospital of Surry County	Stokes (C)	*115	57702

**Swain**

Cherokee Indian Reservation Hospital	Cherokee Hospital	Macon (F)	*217	78602
EBCI - Public Safety Communications Center	EBCI Communications Center	Macon (F)	*217	78610
Swain County Emergency Communications	Swain County EOC	Macon (F)	*217	78600
Swain County Hospital	Swain County Hospital	Cherokee (C)	*219	54402

**Swain/Jackson**

Cherokee Tribal EMS	Tribal EMS	Cherokee (C)	*219	78601
---------------------	------------	--------------	------	-------

**Transylvania**

Transylvania Community Hospital	Transylvania Community Hospital	Buncombe (H)	*213	54442
---------------------------------	---------------------------------	--------------	------	-------

---

**Union**

Union County Emergency Medical Services	Union County Emergency Communic	Cabarrus (G)	*311	78901
Union Regional Medical Center	Union Regional Medical Center	Cabarrus (G)	*311	54452

**Vance**

Maria Parham Medical Center	Maria Parham Medical Center	Granville (G)	*403	54462
-----------------------------	-----------------------------	---------------	------	-------

**Wake**

Duke Raleigh Hospital	Duke Raleigh Hospital	Wake (D)	*101	54502
New Bern Ridge Pediatrics-Wake Health Services	Wake Health Services	Wake (D)	*101	57610
North Carolina Community Health Center Associa	Community Health Center Associatio	Wake (D)	*101	79805
Rex Hospital	Rex Hospital	Wake (D)	*101	54542
State Department of Public Health	State Public Health Raleigh	Wake (D)	*101	59109
State Medical Emergency Operations Center (EO	State EOC - EMS	Wake (D)	*101	79100
State Office of Emergency Medical Services	State OEMS	Wake (D)	*101	59101
State Public Health Laboratory	State Laboratory Raleigh	Wake (D)	*101	59104
WakeMed Cary Hospital	WakeMed Cary Hospital	Wake (D)	*101	57922
WakeMed Hospital Raleigh Campus	WakeMed Raleigh Children's ED	Wake (D)	*101	56722
WakeMed Hospital Raleigh Campus	WakeMed Raleigh Adult ED	Wake (D)	*101	79101
WakeMed Mobile Care	WakeMed Mobile Care	Wake (D)	*101	57972
WakeMed North	WakeMed North	Wake (D)	*101	57973

**Warren**

Vance-Warren Comprehensive Health Plan (Healt	HealthCo Community Health Center	Halifax (E)	*317	57553
---	----------------------------------	-------------	------	-------

**Washington**

Washington County Hospital	Washington County Hospital	Tyrrell (D)	*307	57963
----------------------------	----------------------------	-------------	------	-------

**Watauga**

Watauga County Sheriff's Office	Watauga County Communications	Wilkes (H)	*203	79400
Watauga Medical Center	Watauga Medical Center	Wilkes (H)	*203	56702

**Wayne**

Wayne County EMS	Wayne Central	Greene (D)	*309	79501
Wayne Memorial Hospital	Wayne Memorial Hospital	Greene (D)	*309	56842

**Wilkes**

Wilkes Regional Medical Center	Wilkes Regional Hospital	Wilkes (H)	*203	54642
--------------------------------	--------------------------	------------	------	-------

---

**Wilson**

Carolina Family Health Centers, Inc.	Wilson Community Health Center	Greene (F)	*309	57893
Wilson Medical Center, Inc.	Wilson Medical Center	Greene (F)	*309	54662

---

**Yadkin**

Hoots Memorial Hospital, Inc.	Hoots Hospital	Stokes (C)	*115	54672
Yadkin County EMS	Yadkin County EMS	Stokes (C)	*115	79801

---

**Yancey**

Yancey EOC	Yancey EOC	Yancey (E)	*209	79900
------------	------------	------------	------	-------

---

# VIPER MEDICAL NETWORK ADDRESSES - November 27, 2007

**LISTED BY COUNTY** These Agencies have control radios for the North Carolina VIPER Medical Network (VMN)

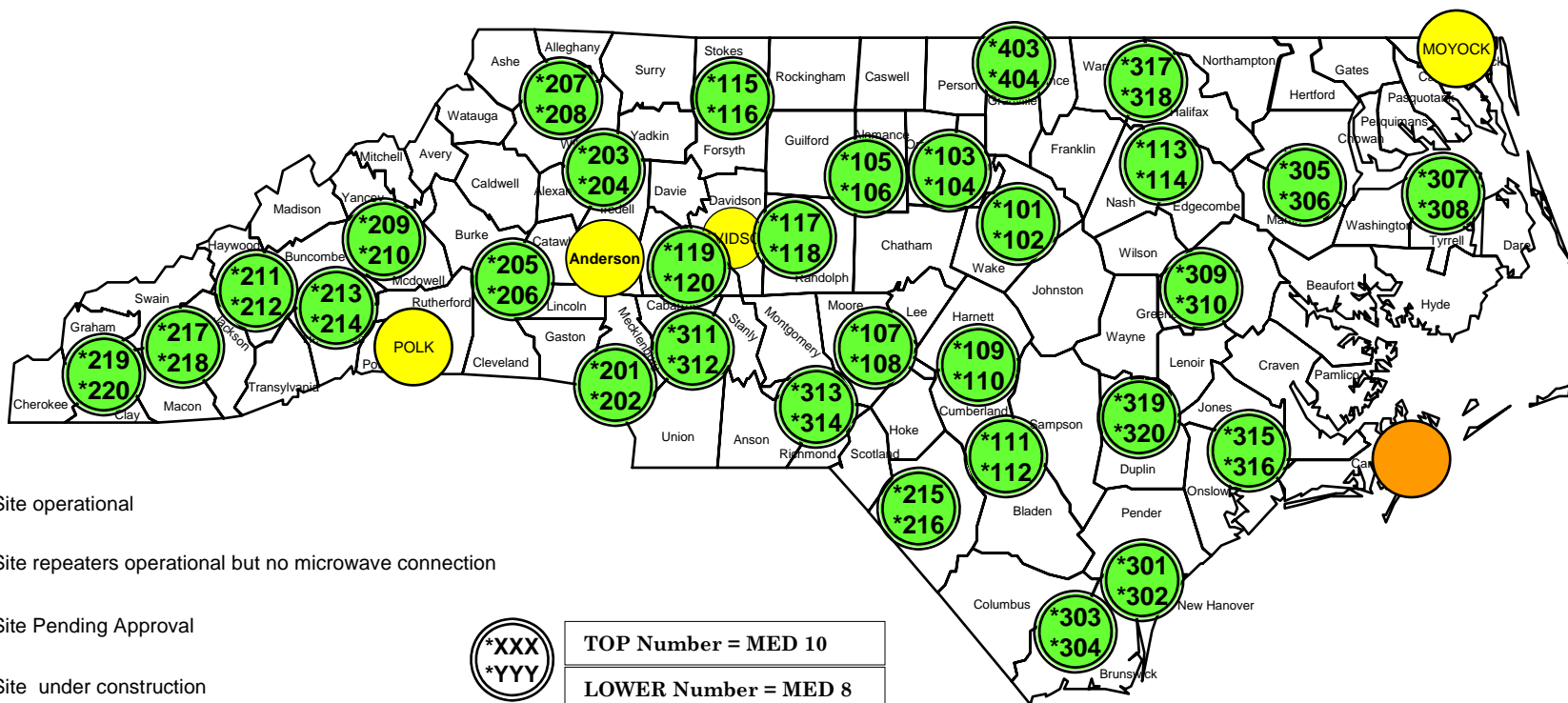
---

AGENCY NAME:	RADIO IDENTIFICATION	VM Network ADDRESS
<b>Anson</b>		
Anson Regional Medical Services, Inc.	Anson Regional Medical Services	VMA 50072
<b>Beaufort</b>		
Metropolitan Community Health Services, Inc.	Agape Community Health Center	VMA 50043
<b>Bertie</b>		
Bertie County Rural Health- Windsor Medical Center	Windsor Rural Health	VMH 57983
<b>Buncombe</b>		
Ridgelawn Clinic - Western NC Community Health Ser	Ridgelawn Clinic	VMU 58801
<b>Cabarrus</b>		
Cabarrus Community Health Center- McGill Medicine	Cabarrus Community Health Center	VMH 58025
<b>Caswell</b>		
Caswell Family Medical Center	Caswell Family Medical Center	VMG 57379
<b>Cumberland</b>		
Wade Family Medical Center	Wade Family Medical Center	VMI 58301
<b>Duplin</b>		
Goshen Medical Center, Inc.	Goshen Medical Center	VMF 57028
<b>Durham</b>		
Lincoln Community Health Center, Inc.	Lincoln Community Health Center	VNH 57707
<b>Gaston</b>		
Gaston Family Health Services, Inc.	Gaston Family Health	VMI 58052
<b>Greene</b>		
Greene County Health Care, Inc. - Snow Hill Med.	Snow Hill Medical Center	VMI 58508
<b>Harnett</b>		
Western Medical Group - Boone Trail Medical Center	Boone Trail Medical Center	VMG 57552
<b>Henderson</b>		
Blue Ridge Family Practice-Community Health Servic	Blue Ridge Community Health Servi	VMJ 58793
<b>Hertford</b>		
Roanoke Chowan Community Health Center	Roanoke Chowan Health Center	VMH 57910

<b>AGENCY NAME:</b>	<b>RADIO IDENTIFICATION</b>	<b>VM Network ADDRESS</b>
<b>Lenoir</b>		
Kinston Community Health Center	Kinston Community Health Center	VMI 58502
<b>Madison</b>		
Hot Springs Health Program, Inc.- Mashburn Medical	Mashburn Medical Center	VMJ 58753
<b>Mecklenburg</b>		
Metrolina Comprehensive Health Center, Inc.	CW Williams Community Health Cen	VMI 58208
<b>New Hanover</b>		
New Hanover Community Health Center, Inc.	New Hanover Community Health	VMI 58401
<b>Orange</b>		
Piedmont Health Services	Carrboro Community Health Center	VMJ 75710
<b>Person</b>		
Person Family Medical Center, Inc.	Person Family Medical Center	VMG 57573
<b>Randolph</b>		
MERCE Medical Resource Center for Randolph County	Merce Medical Resource Center	VMG 57320
<b>Robeson</b>		
Lumberton Health Center - Robeson Health Care Corp	Lumberton Health Center	VMI 58358
<b>Sampson</b>		
Tri-County Community Health Center	Tri-County Community Health Cente	VMI 58334
<b>Wake</b>		
New Bern Ridge Pediatrics-Wake Health Services Inc	Wake Health Services	VMG 57610
North Carolina Community Health Center Association	Community Health Center Associati	VML 79805
State Office of Emergency Medical Services	State OEMS	VMJ 59101
<b>Warren</b>		
Vance-Warren Comprehensive Health Plan (HealthCo)	HealthCo Community Health Center	VMG 57553
<b>Wilson</b>		
Carolina Family Health Centers, Inc.	Wilson Community Health Center	VMH 57893

# North Carolina Medical Communications Network NCMCN DTMF LINK MAP

September 18, 2007

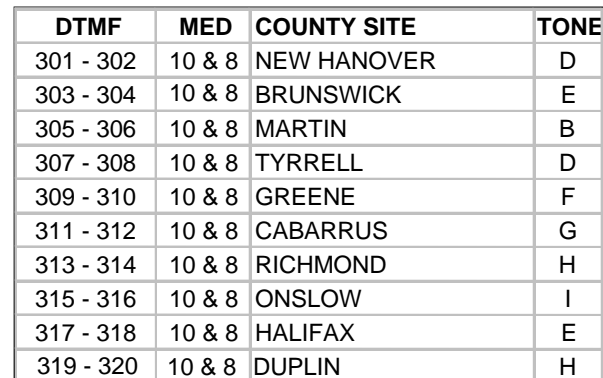


DTMF	MED	COUNTY SITE	TONE
101 - 102	10 & 8	WAKE	D
103 - 104	10 & 8	ORANGE	B
105 - 106	10 & 8	ALAMANCE	E
107 - 108	10 & 8	MOORE	F
109 - 110	10 & 8	CUMBERLAND NORTH	C
111 - 112	10 & 8	CUMBERLAND SOUTH	G
113 - 114	10 & 8	NASH	H
115 - 116	10 & 8	STOKES	C
117 - 118	10 & 8	RANDOLPH	J
119 - 120	10 & 8	ROWAN	I

DTMF	MED	COUNTY SITE	TONE
201 - 202	10 & 8	MECKLENBURG	D
203 - 204	10 & 8	WILKES	H
205 - 206	10 & 8	CATAWBA	B
207 - 208	10 & 8	ALLEGHANY	G
209 - 210	10 & 8	YANCEY	E
211 - 212	10 & 8	HAYWOOD	G
213 - 214	10 & 8	BUNCOMBE	H
215 - 216	10 & 8	ROBESON	B
217 - 218	10 & 8	MACON	F
219 - 220	10 & 8	CHEROKEE	C

DTMF	MED	COUNTY SITE	TONE
301 - 302	10 & 8	NEW HANOVER	D
303 - 304	10 & 8	BRUNSWICK	E
305 - 306	10 & 8	MARTIN	B
307 - 308	10 & 8	TYRRELL	D
309 - 310	10 & 8	GREENE	F
311 - 312	10 & 8	CABARRUS	G
313 - 314	10 & 8	RICHMOND	H
315 - 316	10 & 8	ONSLOW	I
317 - 318	10 & 8	HALIFAX	E
319 - 320	10 & 8	DUPLIN	H

September 18, 2007



**North Carolina Medical Communications Network  
NCMCN**

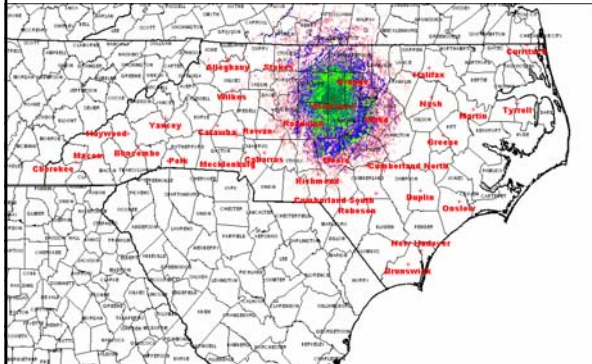
SITE NO.	DTMF	MED	COUNTY SITE	TONE	ALTERNATE SITE NAME	CALL SIGN:
1	*101	10	WAKE	D	BLUE RIDGE ROAD	KOB544
1	*102	8	WAKE	D	BLUE RIDGE ROAD	KOB544
2	*103	10	ORANGE	B	ENO MOUNTAIN	KOB543
2	*104	8	ORANGE	B	ENO MOUNTAIN	KOB543
3	*105	10	ALAMANCE	E	CANE MOUNTAIN	KNY924
3	*106	8	ALAMANCE	E	CANE MOUNTAIN	KNY924
24	*107	10	MOORE	F	CARTHAGE	WQBG610
24	*108	8	MOORE	F	CARTHAGE	WQBG610
6	*109	10	CUMBERLAND NORTH	C	SLOCOMB	WNMN564
6	*110	8	CUMBERLAND NORTH	C	SLOCOMB	WNMN564
7	*111	10	CUMBERLAND SOUTH	G	CEDAR CREEK (4G also at site)	WNMN565
7	*112	8	CUMBERLAND SOUTH	G	CEDAR CREEK (4G also at site)	WNMN565
19	*113	10	NASH	H	ROCKY MOUNT	WNJW491
19	*114	8	NASH	H	ROCKY MOUNT	WNJW491
4	*115	10	STOKES	C	SAURATOWN MOUNTAIN	KYN925
4	*116	8	STOKES	C	SAURATOWN MOUNTAIN	KYN925
15	none	10	DAVIDSON	H	HIGH ROCK MOUNTAIN	KNAI233
15	none	8	DAVIDSON	H	HIGH ROCK MOUNTAIN	KNAI233
8	*119	10	ROWAN	I	FAITH	KNFZ626
8	*120	8	ROWAN	I	FAITH	KNFZ626
14	*201	10	MECKLENBURG	D	UNCC DALTON LIBRARY	KNCK570
14	*202	8	MECKLENBURG	D	UNCC DALTON LIBRARY	KNCK570
18	none	10	IREDELL	F	ANDERSON MOUNTAIN	KNFZ625
18	none	8	IREDELL	F	ANDERSON MOUNTAIN	KNFZ625
9	*205	10	CATAWBA	B	BAKER MOUNTAIN	KNAI232
9	*206	8	CATAWBA	B	BAKER MOUNTAIN	KNAI232
17	*207	10	ALLEGHANY	G	LITTLE GRANDFATHER	WSX409
17	*208	8	ALLEGHANY	G	LITTLE GRANDFATHER	WSX409
10	*209	10	YANCEY	E	CLINGMAN'S PEAK	WSX408
10	*210	8	YANCEY	E	CLINGMAN'S PEAK	WSX408
11	*211	10	HAYWOOD	G	CHAMBER'S MOUNTAIN	WXK616
11	*212	8	HAYWOOD	G	CHAMBER'S MOUNTAIN	WXK616
12	*213	10	BUNCOMBE	H	MT. PISGAH (2H & 4H also at site)	KNCV390
12	*214	8	BUNCOMBE	H	MT. PISGAH (2H & 4H also at site)	KNCV390
13	none	10	POLK	D	TRYON PEAK	WSX410
13	none	8	POLK	D	TRYON PEAK	WSX410
22	*217	10	MACON	F	COWEE MOUNTAIN	WQCA947
22	*218	8	MACON	F	COWEE MOUNTAIN	WQCA947



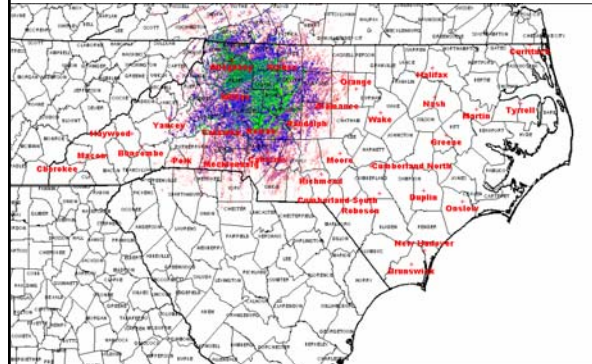
North Carolina Medical Communications Network  
NCMCN

SITE NO.	DTMF	MED	COUNTY SITE	TONE	ALTERNATE SITE NAME	CALL SIGN:
23	*219	10	CHEROKEE	C	JOANNA BALD	WQBV723
23	*220	8	CHEROKEE	C	JOANNA BALD	WQBV723
25	*301	10	NEW HANOVER	D	FLEMINGTON TOWER	WPYZ383
25	*302	8	NEW HANOVER	D	FLEMINGTON TOWER	WPYZ383
16	*303	10	BRUNSWICK	E	WINNABOW	WNAV777
16	*304	8	BRUNSWICK	E	WINNABOW	WNAV777
20	none	10	CURRITUCK	G	MOYOCK	WNGX237
20	none	8	CURRITUCK	G	MOYOCK	WNGX237
21	*307	10	TYRRELL	D	COLUMBIA	WPZU920
21	*308	8	TYRRELL	D	COLUMBIA	WPZU920
5	*309	10	GREENE	F	FARMVILLE	KNDK569
5	* 310	8	GREENE	F	FARMVILLE	KNDK569
26	*311	10	CABARRUS	G	CONCORD	WQAS698
26	* 312	8	CABARRUS	G	CONCORD	WQAS698
27	*313	10	RICHMOND	H	ELLERBE	WQAS632
27	*314	8	RICHMOND	H	ELLERBE	WQAS632
28	*315	10	ONSLOW	I	JACKSONVILLE	WQAT764
28	*316	8	ONSLOW	I	JACKSONVILLE	WQAT764
29	*317	10	HALIFAX	E	BRINKLYVILLE	WQBL554
29	*318	8	HALIFAX	E	BRINKLYVILLE	WQBL554
30	*117	10	RANDOLPH	J	SHEPHERD MOUNTAIN	WQCC606
30	*118	8	RANDOLPH	J	SHEPHERD MOUNTAIN	WQCC606
31	*215	10	ROBESON	B	ST. PAULS	WQCG300
31	*216	8	ROBESON	B	ST. PAULS	WQCG300
32	*203	10	WILKES	H	PORES KNOB	WQDF577
32	*204	8	WILKES	H	PORES KNOB	WQDF577
33	*319	10	DUPLIN	H	KENANSVILLE	WQCU482
33	*320	8	DUPLIN	H	KENANSVILLE	WQCU482
34	*305	10	MARTIN	B	WILLIAMSTON	WQDW479
34	*306	8	MARTIN	B	WILLIAMSTON	WQDW479
35	*401	10	CARTERRET	G	LAUREL ROAD	WQHP808
35	*402	8	CARTERRET	G	LAUREL ROAD	WQHP808
36	*403	10	GRANVILLE	G	GRANVILLE	WQGB596
36	*404	8	GRANVILLE	G	GRANVILLE	WQGB596
	*419		VIPER OEMS			
	*420		VIPER EVENTS			
10/15/2007						

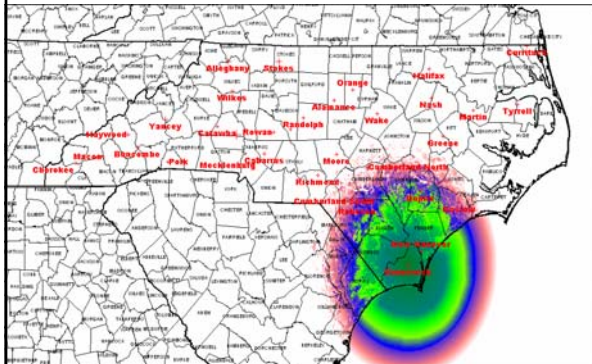
ALAMANCE tone E



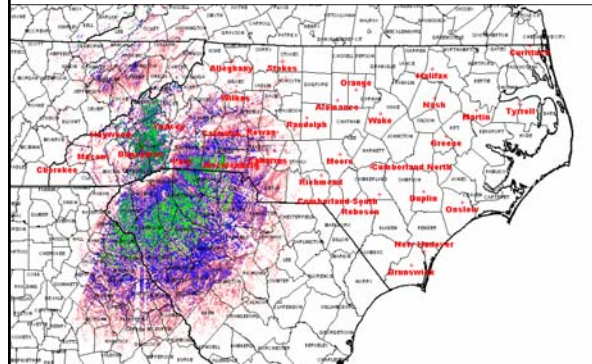
ALLEGHANY tone G



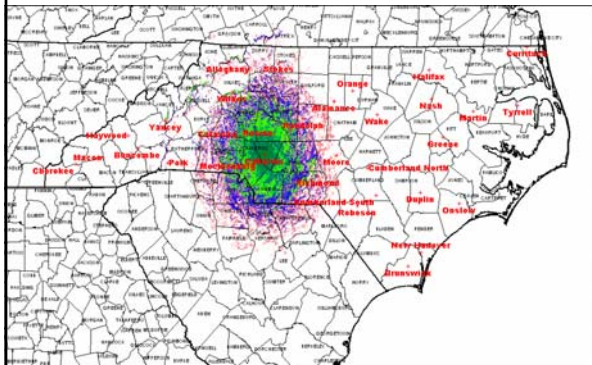
BRUNSWICK tone E



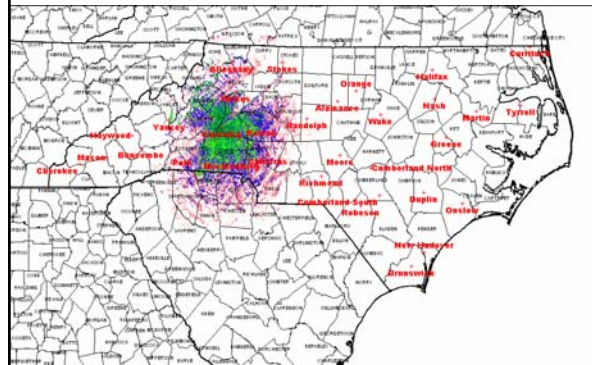
BUNCOMBE tone H



CABARRUS tone G

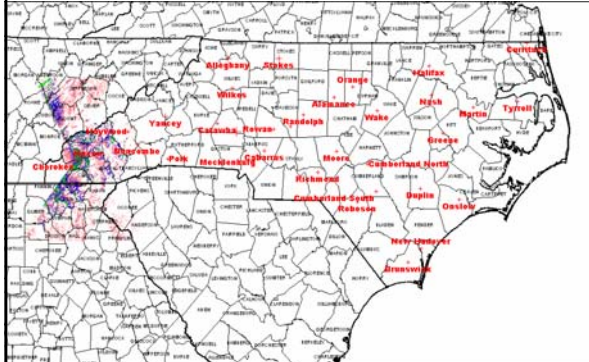


CATAWBA tone B

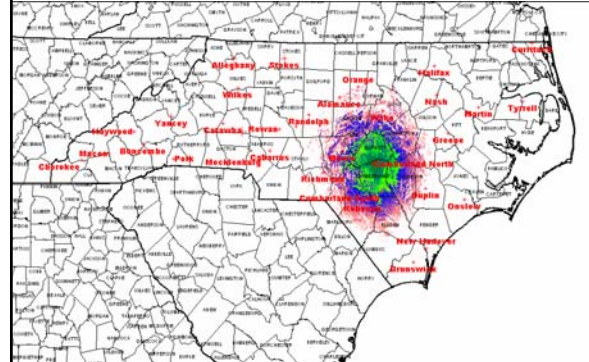




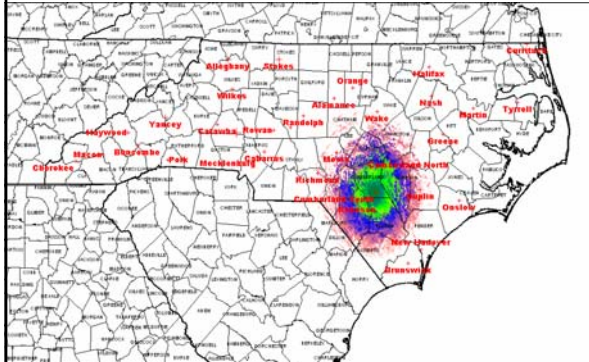
CHEROKEE tone C



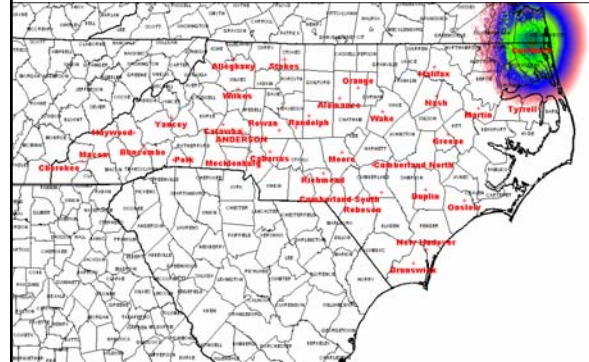
CUMBERLAND NORTH tone C



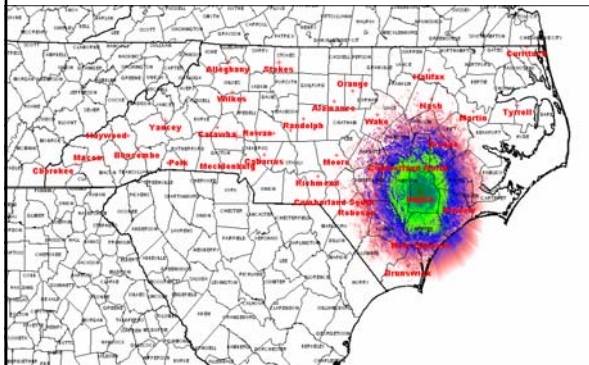
CUMBERLAND SOUTH tone G



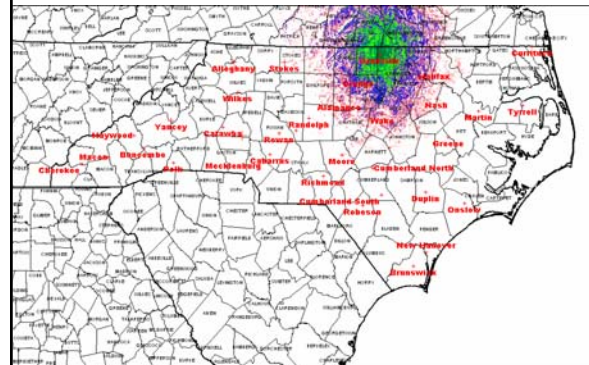
CURRITUCK tone G



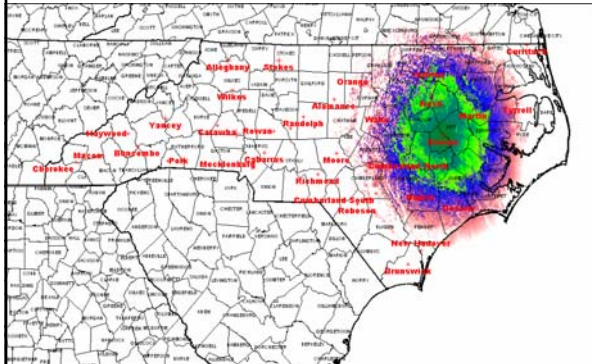
DUPLIN tone H



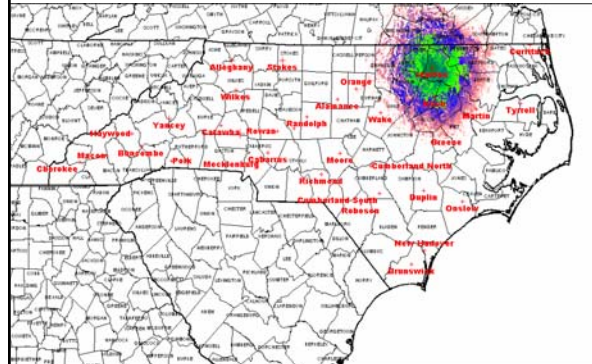
GRANVILLE tone G



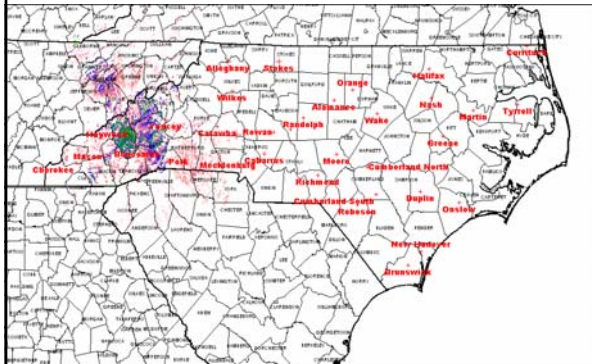
GREENE tone F



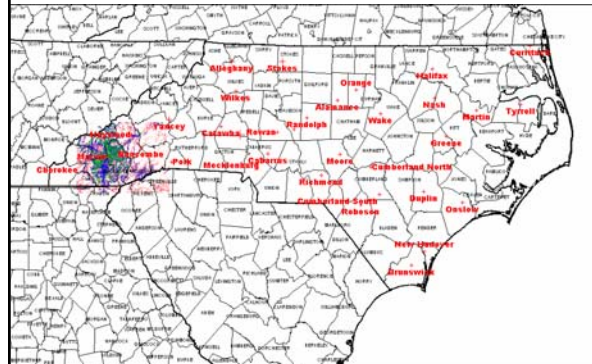
HALIFAX tone E



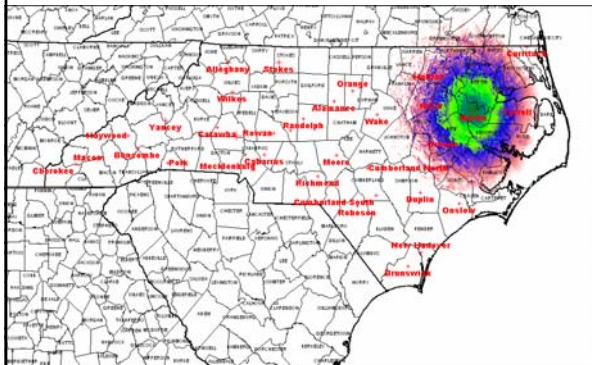
HAYWOOD tone G



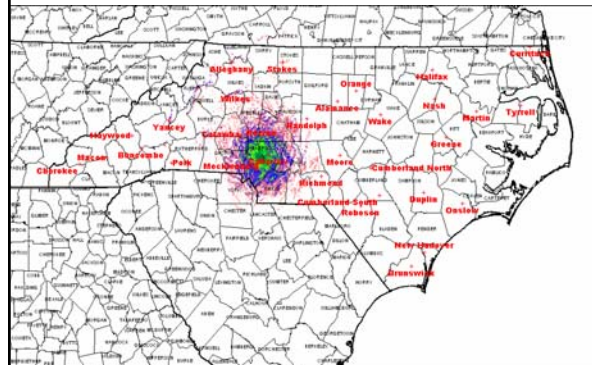
MACON tone F



MARTIN tone B

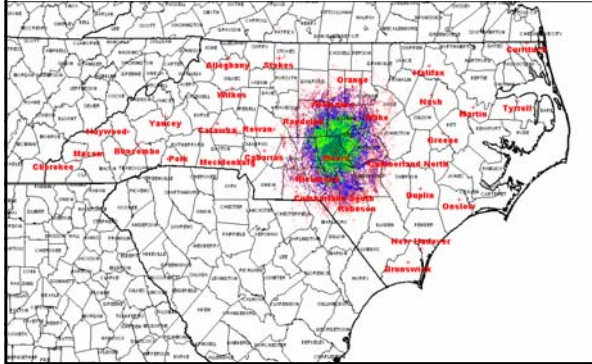


MECKLENBURG tone D

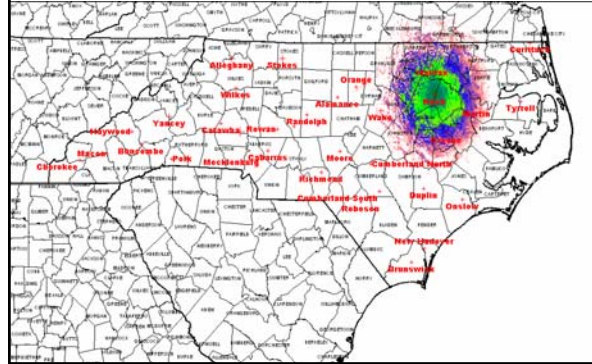




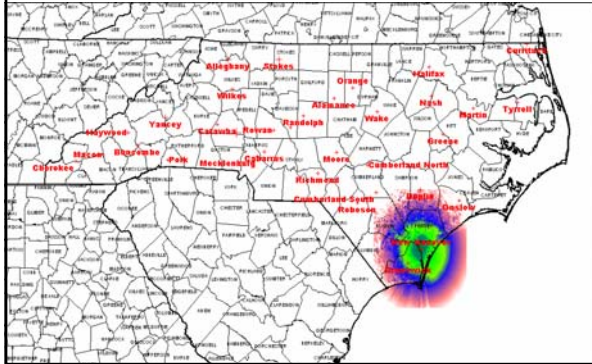
MOORE tone F



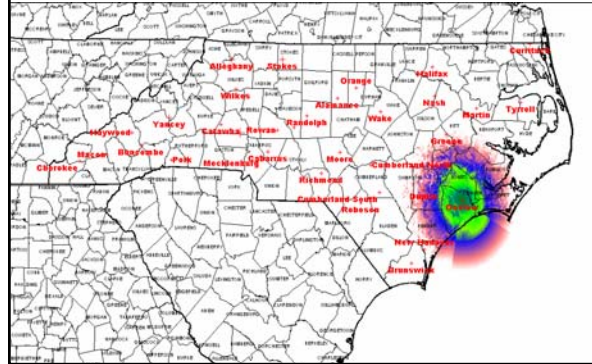
NASH tone H



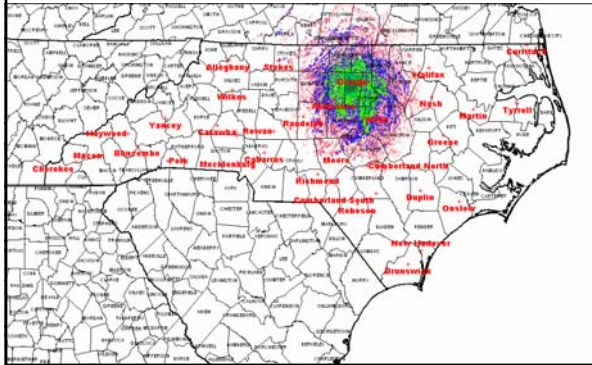
NEW HANOVER tone D



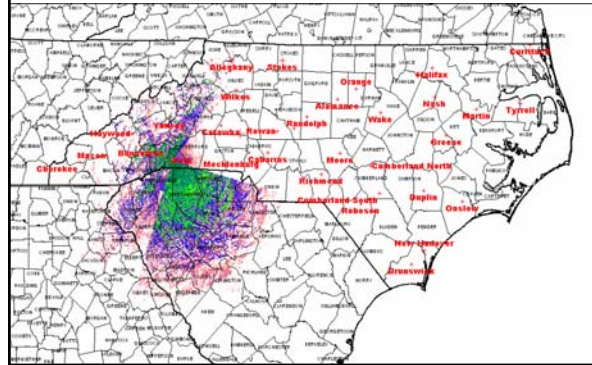
ONSLOW tone I



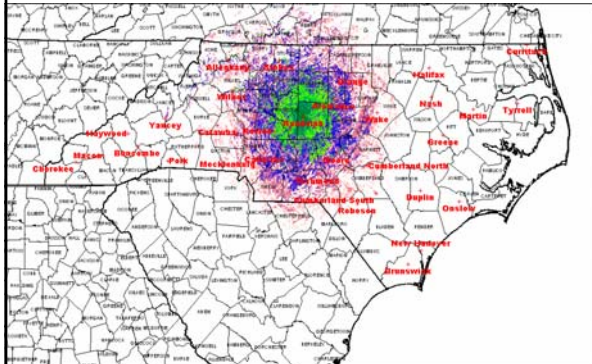
ORANGE tone B



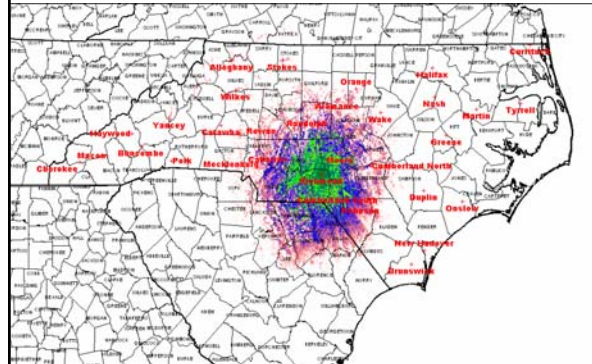
POLK tone D



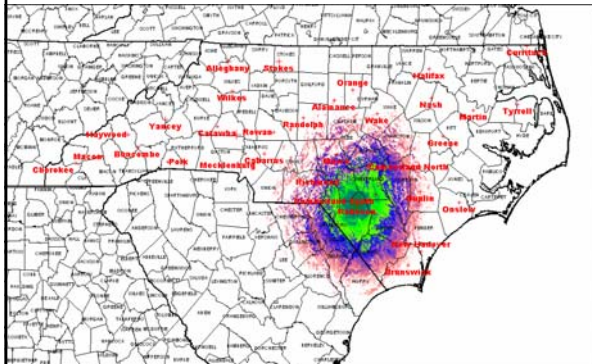
RANDOLPH tone J



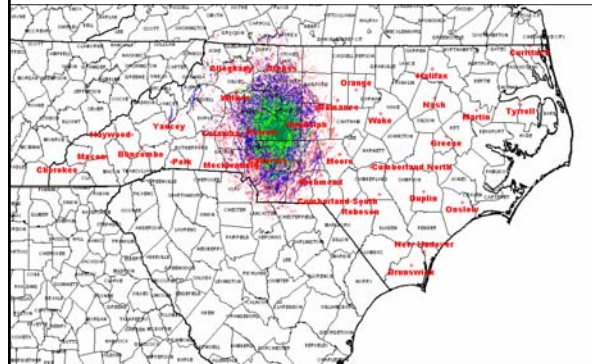
RICHMOND tone H



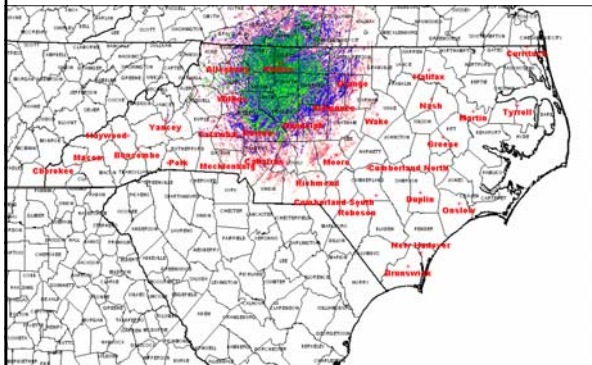
ROBESON tone B



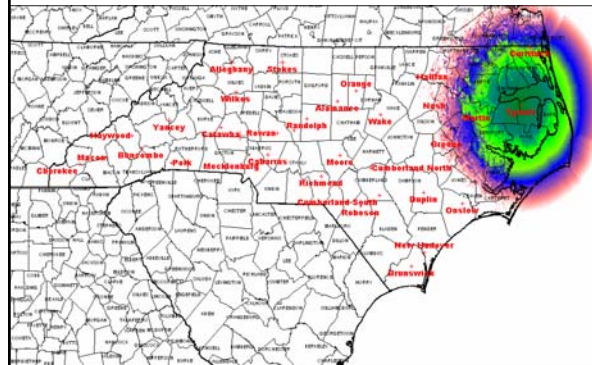
ROWAN tone I



STOKES tone C

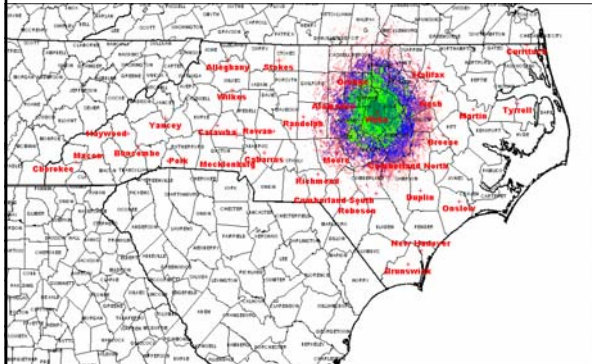


TYRRELL tone D

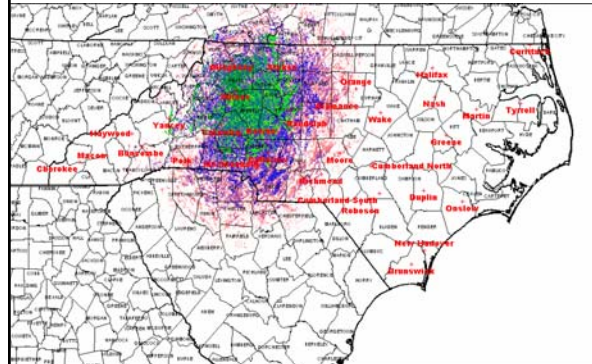




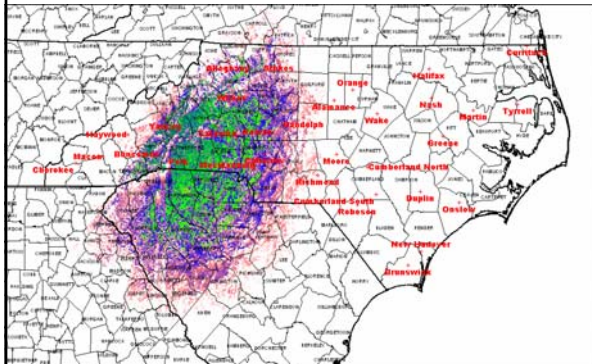
WAKE tone D



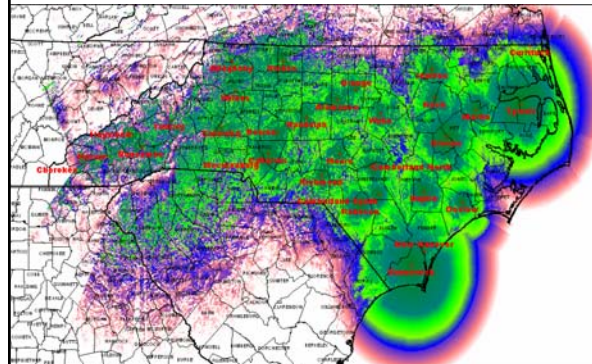
WILKES tone C



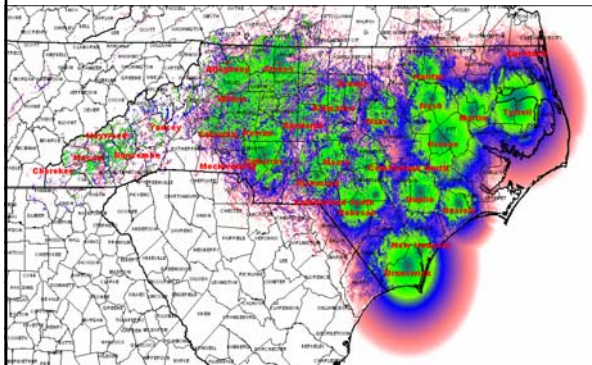
YANCEY tone E



ALL SITES TALK OUT

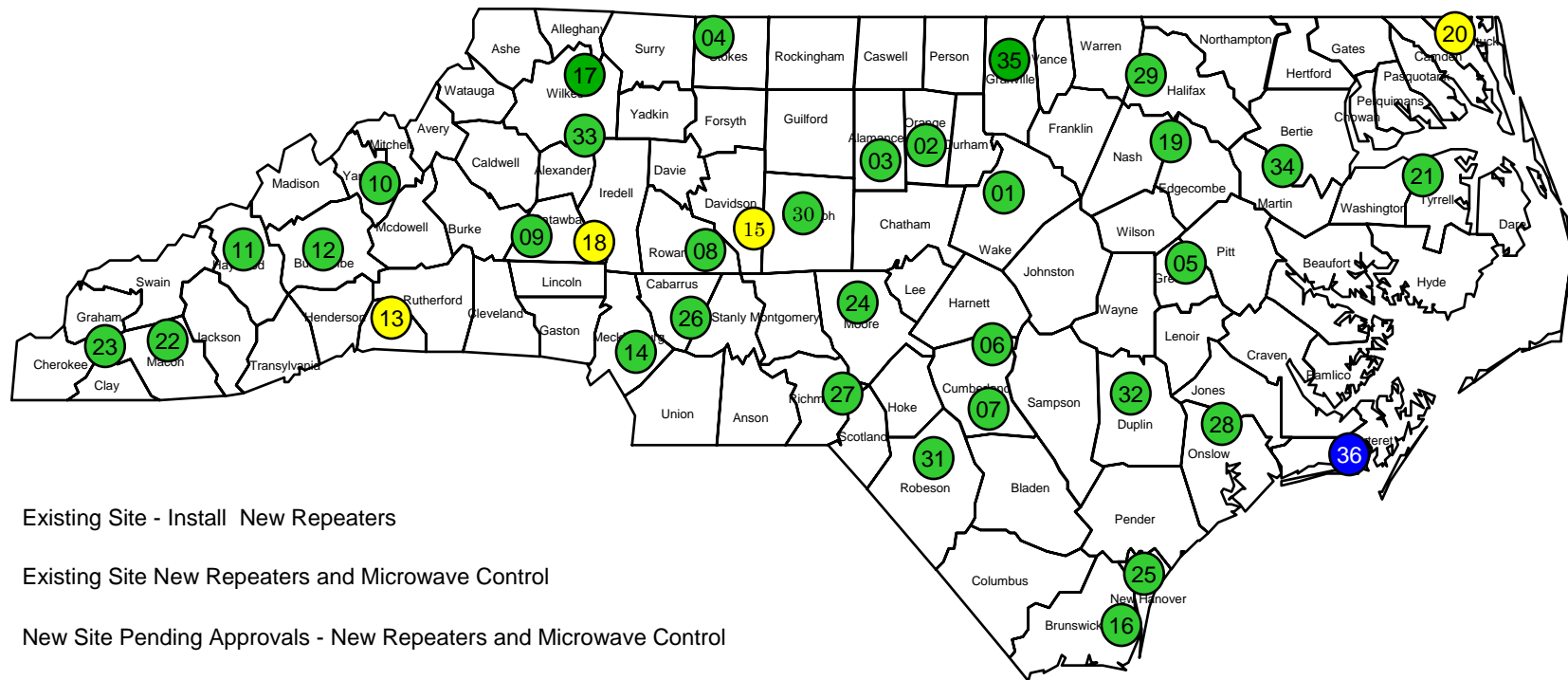


ALL SITES TALK IN



SITE LOCATIONS





- Existing Site - Install New Repeaters
- Existing Site New Repeaters and Microwave Control
- New Site Pending Approvals - New Repeaters and Microwave Control

H2-01 BLUE RIDGE  
 H2-02 ENO MOUNTAIN  
 H2-03 CANE MOUNTAIN  
 H2-04 SAURATOWN MOUNTAIN  
 H2-05 FARMVILLE  
 H2-06 SLOCOMB  
 H2-07 CEDAR CREEK  
 H2-08 FAITH  
 H2-09 BAKER MOUNTAIN  
 H2-10 CLINGMANS PEAK  
 H2-11 CHAMBERS MOUNTAIN  
 H2-12 MT. PISGAH

H2-13 TRYON PEAK  
 H2-14 UNCC DALTON LIBRARY  
 H2-15 HIGH ROCK MOUNTAIN  
 H2-16 WINNABOW  
 H2-17 LITTLE GRANDFATHER MOUNTAIN  
 H2-18 ANDERSON MOUNTAIN  
 H2-19 ROCKY MOUNT  
 H2-20 MOYOCK  
 H2-21 COLUMBIA  
 H2-22 COWEE MOUNTAIN  
 H2-23 JOANNA BALD  
 H2-24 MOORE COUNTY  
 H2-25 NEW HANOVER COUNTY

26 CONCORD  
 27 ELLERBE  
 28 JACKSONVILLE  
 29 BRINKLYVILLE  
 30 SHEPHERD MT.  
 31. ST. PAULS  
 32. KENANSVILLE  
 33. PORES KNOB  
 34. WILLIAMSTON  
 35. GRANVILLE  
 36. CARTERET

**NCMCN SITE MAP**  
**North Carolina**  
**Medical Communications Network**

December 8, 2006



Complete all BLUE fields.

Mail original signed form to:  
Office of Emergency Medical Services  
Attention: ENGINEERING  
2707 Mail Service Center  
Raleigh, NC 27699-2707



North Carolina Department of Health and Human Services  
Division of Health Service Regulation  
Office of Emergency Medical Services  
2707 Mail Service Center ■ Raleigh, North Carolina 27699-2707

DO NOT EMAIL

## NC MEDICAL COMMUNICATIONS NETWORK (NCMCN) MOBILE RADIO APPLICATION

Application is hereby made to the State of North Carolina, Office of Emergency Medical Services for designation as a mobile station of the North Carolina Medical Communications Network UHF radio system under the provisions of the Federal Communications Commission Rules section 90.421. If granted, the radio will be used for emergency communication necessary for rendition of medical services to the public and on a secondary basis, for transmission of messages required for the efficient administration of facilities engaged in medical services operations. All communication emanating from this agency will be in strict accordance with applicable Federal Communications Commission Rules and Regulations. The applicant agency agrees to provide training in operation of the radio system to all users of the network; maintain the radio station equipment in proper operational condition; to incorporate all compatibility elements as recommended by the state; and, to properly identify all radio transmissions from the agency. The applicant agency is responsible for taking precautions to prevent unauthorized operation of such radio units. Failure to follow these requirements may result in revocation of this authorization. This grant will remain in effect for ten years from execution or until released of the responsibility by the State.

Name of Applicant Agency:

Person responsible radio operations:

Agency Mailing Address:

Agency Street Address:

City:

County:

State:

Zip Code:

Business Telephone:

Emergency Telephone:

Fax Number:

Email address of responsible person:

Radio Identification used to identify this agencies transmission:

Total number of mobile and/or portable radios operated under this authorization:

Authorized Signature of Applicant Agency Official:

Title:

Signed: \_\_\_\_\_

Date:

---

DO NOT WRITE BELOW THIS LINE

---

Under the provisions of FCC Rule 90.421, the State of North Carolina Office of Emergency Medical Services has determined the above applicant agency is eligible for separate authorization under FCC Rules 90.179. Authorization is hereby granted to use Channels MED 8 and MED 10 of the North Carolina Medical Communications Network licensed to the State of North Carolina to communicate with the state and other agencies of the network in time of emergency or disaster and to conduct the official business of the state. All communication shall be in strict accord with FCC Rules and Regulations. This authorization may be terminated at the sole discretion of the state at any time by furnishing written notification to the applicant agency.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

Chief, Office of Emergency Medical Services



**North Carolina Department of Health and Human Services  
Division of Health Service Regulation**

**Mail completed form to: Office of Emergency Medical Services – Attention Engineering**  
2707 Mail Service Center ■ Raleigh, North Carolina 27699-2707

**NORTH CAROLINA MEDICAL COMMUNICATIONS APPLICATION**

**NORTH CAROLINA VIPER MEDICAL NETWORK APPLICATION**

**Purpose of this application:** (check all that apply)

Request assignment of a new DTMF Code for a new UHF NCMCN radio installation.

Request an additional (second) DTMF Code for new or existing NCMCN UHF radio installation.

Change information on file with the State Office of EMS regarding an authorization.

Request assignment of a VIPER MEDICAL NETWORK (VMN) Address for an 800 MHz Hospital radio installation.

Other, explain:

Under the provisions of the Federal Communications Commission Rules section 90.179, application is hereby made to the State of North Carolina, Office of Emergency Medical Services for designation as a shared use station of the North Carolina Medical Communications Network UHF radio system. This radio station will be used for emergency communications necessary for rendition of medical services to the public and on a secondary basis for transmission of messages required for the efficient administration of facilities engaged in medical services operations. All communication emanating from this agency will be in strict accordance with applicable Federal Communications Commission Rules and Regulations. The applicant agency agrees to provide training in the operation of the radio system to all users and to maintain the radio control station in operational condition until released of the responsibility by the State.

Name of Applicant (Primary Agency Legal Name):

Agency Name (if different from Applicant Agency e.g. subservient hospital or agency):

Mailing Address:

City:

County:

State:

Zip Code:

Street Address (where radio will be installed):

City:

County:

State:

Zip Code:

Geographic Coordinates: Latitude: ° ' " N (degrees / minutes / seconds) Longitude: ° ' " W (degrees / minutes / seconds)

Describe the Height the radio antenna will be mounted Above Ground Level: feet above ground

Business Telephone:

Emergency Telephone:

Fax:

Typed name of person responsible for radio operation:

Email address of person responsible and most familiar with this radio:

Radio Identification Requested for this radio (usually the name of the agency):

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Typed name:

Title: